

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-228
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM2.3V1HPC2	140 (2.3)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.31 0.35	3.3 3.8	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

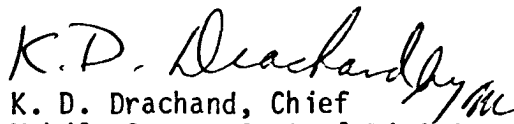
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 21 day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-228 Page 1
Engine Family DFM2.3V1HPC2 Evaporative Family GM
Engine CID (Liters) 140 (2.3L)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance

EEC-Electronic Engine Control

EI-Electronic Ignition

ESAC-Electronic Spark Advance
Control]

VA-Vacuum Advance

VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump

AIV-Air Injection-Valve

CL-Closed Loop

EGR-Exhaust Gas Recirculation

EM-Engine Modification

OC-Oxidation Catalyst System

TR-Thermal Reactor

TWC-Three Way Catalyst System

Special Features

CCV-Combustion
Chamber Valve

CFI-Central Fuel Injection

DID-Diesel
Injection-
Direct

DIP-Diesel
Injection-
Prechamber

MFI-Mechanical
Fuel Injection
TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI

nV-nVenturi Carburetor

VV-Variable Venturi

<u>Vehicle Line</u>	<u>Body Type</u>	<u>Body Code</u>
Ford Mustang	3-Door	61B
	2-Door	66B
Fairmont	4-Door	54B
	2-Door	66B
	2-Door	36R
LTD	4-Door	54D
Mercury Capri	3-Door	61D
Zephyr	4-Door	54D
	2-Door	36R
Marquis	4-Door	54D

DRIVE SYSTEM: Front Engine/Rear Wheel Drive

Engine Family D2.3 VPC

[illegible]

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars	Light-Duty Trucks	Medium-Duty Vehicles	X Gas	Diesel
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Manufacturer Ford Motor Company E.O. #A -10-228

Engine Family DEM2.3V1HPC2 CID (liter) - Type 140 (2.3)

ECS (Special Features) EGR/AIP/TWC/ **CL**

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
305PR01A*	Must 61B (9.4)	M5327A	3125	E3ZE-12127-DA	E3ZE-9510-VA	E3ZE-9H495-FA	E3AE-9C485-DGF
	Must B2L (11.2)		3250				
	Must 66B (9.5)		3000				
	Must 61B (9.4)	M4398	3125				
	Must B2L (11.2)		3250				
	Must 66B (9.5)		3000				
	Fair 66B (10.7)		3125				
	Fair 54B (10.7)						
	Fair 36R (10.7)						
	LTD 54D (9.4)		3250				
5PR01N	Must 61B (8.5)	M5327A	3000	E3ZE-12127-DA	E3ZE-9510-VA or YA	E3ZE-9H495-FA	E3AE-9C485-DGF
	Must B2L (10.2)		3125				
	Must 66B (8.6)		3000				
	Must 61B (8.5)	M4398	3000				
	Must B2L (10.2)		3125				
	Must 66B (8.6)		3000				
	Fair 66B (9.7)		3000				
	Fair 54B (9.7)		3125				
	Fair 36R (9.7)		3000				
	LTD 54D (8.5)		3250				

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

* With Air Condtioning

Date of Issue - 7/19/82
Revisions:

11981

Engine Family D2.3 VPC

[illegible]

ECS (Special Features) EGR/ATP/TWC/CL

Comments: See page one for abbreviations and evaporative emission facility identification.
If two test weights are listed, the lower weight will be used for testing.

Date of Issue - 7/19/82
Revisions:

[illegible]

X Passenger Cars Light-Duty Trucks Medium-Duty Vehicles X Gas DieselManufacturer Ford Motor Company I.O. # A-10-228Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3L)ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
305PR01A*	Cpri 61D (9.1) Cpri 61D (9.1) Zeph 54D (10.7) Zeph 36R (10.7) Mrqs 54D (9.4)	M5327A M4398	3125 3250	E3ZE-12127-DA	E3ZE-9510-VA	E3ZE-9H495-FA	E3AE-9C DFV
305PR01N	Cpri 61D (8.3) Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	M5327A M4398	3000 3000 <u>2</u> / 3000 3250	E3ZE-12127-DA	E3ZE-9510-VA or YA	E3ZE-9H495-FA	E3AE-9C DFV
306PR01A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3-025 <u>1</u> / 1/	3125 3250	E3ZE-12127-DA	E3ZE-9510-ACA	E3ZE-9H495-GA	E3AE-9C DFV
306NR01N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3-025 <u>1</u> / 1/	3125 3250	E3ZE-12127-DA	E3ZE-9510-ABA or ACA	E3ZE-9H495-GA	E3AE-9C4 DFV

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

* With Air Conditioning

2/Per R/C 2.3-191/ Added Per R/C 2.3-13

Date of Issue - 07/19/82
Revisions: 02/01/83

1981

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.05							
Revised	1-4-83	1-14							

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ DieselManufacturer Ford Motor Company E.O. #A 10-228Engine Family DEM2.3V1HPC2 CID (liter) - Type 140 (2.3L)ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
306NR01A*	Must 61B (9.4) Must 66B (9.5) Fair 54B (10.7) Fair 66B (10.7) Fair 36R (10.7) LTD 54D (9.4)	C3020 & C3-025 <u>1</u> /	3125 3250	E3ZE-12127-DA	E3ZE-9510-ACA	E3ZE-9H495-GA	E3AE-9C4S DFV
306NR01N	Must 61B (8.5) Must 66B (8.6) Fair 54B (9.7) Fair 66B (9.7) Fair 36R (9.7) LTD 54D (8.5)	C3020 & C3-025 <u>1</u> /	3000 3125 3250	E3ZE-12127-DA	E3ZE-9510-ABA or ACA	E3ZE-9H495-GA	E3AE-9C4S DFV

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

* With Air Conditioning

1/ Added Per R/C 2.3-13

Date of Issue -

Revisions:

1081

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.04							
Revised	1-4-83								

X Passenger Cars Light-Duty Trucks Medium-Duty Vehicles X Gas DieselManufacturer Ford Motor Company E.O. #A 710-228Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3L)ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
305PR01A*	Cpri 61D (9.1) Cpri 61D (9.1) Zeph 54D (10.7) Zeph 36R (10.7) Mrqs 54D (9.4)	M5327A M4398	3125 3250	E3ZE-12127-DA	E3ZE-9510-VA	E3ZE-9H495-FA	E3AE-9C4 DGF
305PR01N	Cpri 61D (8.3) Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	M5327A M4398	3000 3125 3000 3250	E3ZE-12127-DA	E3ZE-9510-VA or YA	E3ZE-9H495-FA	E3AE-9C4 DGF
306R01A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3-025 1/	3125 3250	E3ZE-12127-DA	E3ZE-9510-ACA	E3ZE-9H495-GA	E3AE-9C4 DFV
306NR01N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3-025 1/	3125 3250	E3ZE-12127-DA	E3ZE-9510-ABA or ACA	E3ZE-9H495-GA	E3AE-9C4 DFV

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

* With Air Conditioning

1/ Added Per R/C 2.3-13

Date of Issue -
Revisions:

1981

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.05							
Revised	1-4-83								

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ DieselManufacturer Ford Motor Company E.O. #A-10-228Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3L)ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-06N-R10A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3-025 <u>1/</u>	3125 3250	EOEE-12127 --- -BA	E3ZE-9510- ACA	E3ZE-9H495 GA	E3AE-9C4 DTK
3-06N-R10N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3-025 <u>1/</u>	3125 3250	EOEE-12127 -BA	E3ZE-9510- ABA or ACA	E3ZE-9H495 GA	E3AE-9C4 DTK

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

1/Added Per R/C 2.3-13

* With Air Conditioning

ADDED by R/C 2.3-5

Date of Issue -
Revisions:

Engine Family D2.3VPC

Issue Date	12-22-82	16.02.05.01							
Revised	1-4-83								